Digital Thermometer

Single Input







Specifications:

Measurement Range : -50°C to 1,300°C (-58°F to 2,000°F)

Resolution : 1°C or 1°F

Accuracy : Accuracy is specified for operating temperatures over the range

of 18°C to 28°C for 1 year, not including thermocouple error

-50°C to 0°C.....±2°C -58°F to 32°F.....±4°F

0°C to 1,000°C.....±(0.3% rdg + 1°C) 1,000°C to 1,300°C.....±(0.5% rdg + 1°C) 32°F to 2,000°F.....±(0.3% rdg + 1°F)

Temperature Coefficient : 0.1 times the applicable accuracy specification per °C from 0°C

to 18°C and 28°C to 50°C (32°F to 64°F and 82°F and 122°F)

Input Protection : 60 V dc or 24 V rms AC maximum input voltage on any

combination of input pins

Reading Rate : 2.5 times per second

Accepts standard miniature thermocouple connectors (flat blades spaced 7.9 mm, centre to

centre)

Operating Temperature : 0°C to 50°C (32°F to 122°F) Storage Temperature : -20°C to 60°C (-4°F to 140°F)

Display :3½ LCD with maximum reading of 1,999

Dimensions : 147 mm × 70 mm × 39 mm

Weight : 215 g (7.6 oz)

Supplied with 4-foot "K" thermocouple bead probe (Teflon insulated), maximum insulation

temperature 26°C (500°F)

Part Number Table

Description	Part Number
Thermometer, Single Input	72-2060

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